



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

CONNECTICUT, Northeast

CTZ002

Hartford

06 0528EST

08 0002EST

Connecticut River

0

0

Flood

Runoff from snowmelt in northern New England brought the lower Connecticut River into a minor flood from Hartford through Middletown. At Hartford, the river crested at 17.34 feet at 1145 pm on the 7th, about one foot above its flood stage of 16 feet. At Middletown, a crest of 8.81 feet was recorded at 415 pm on the 7th, which is just over its 8 foot flood stage. Only minor lowland flooding was reported and no flood damage occurred.

CTZ002

Hartford

08 1100EST

1700EST

0

1

High Wind (G50)

A deep low pressure system moving across southern Canada, combined with high pressure off the southeast coast, brought gusty southwest winds to the higher terrain of Hartford County. Wind gusts were estimated near 60 mph. The high winds downed trees and power lines in Hartford and Enfield. A 5-year old boy in Hartford was injured when he became trapped beneath a falling tree

CTZ002

Hartford

12 0347EST

13 0530EST

Connecticut River

0

0

Flood

Runoff from heavy rain in northern New England brought the lower reaches of the Connecticut River downstream of Hartford into a minor flood. At Middletown, the river crested at 8.24 feet at 915 am on the 12th, which is just over the flood stage of 8 feet. Only minor lowland flooding was reported, and no flood damage occurred.

Hartford County

Southington

22

0015EST

2200EST

Quinnipiac River

0

0

Flood

Low pressure moving across southeast New England brought 2 to 4 inches of rain to Hartford County, most of which fell in a 6 to 12 hour period. The Quinnipiac River in Southington experienced a minor flood, cresting at 4.5 feet at 7 am on the 22nd, which is just over its flood stage of 4 feet. No flood damage was reported.

MASSACHUSETTS, Central and East

MAZ019>022-024

Eastern Plymouth - Southern Bristol - Southern Plymouth - Barnstable - Nantucket

04 0900EST

1300EST

0

0

Strong Wind

Strong southwest winds buffeted most of southeastern Massachusetts, where wind gusts of 45 to 55 mph were common. The strong winds downed a tree in Carver.

MAZ004>005-008-
011>012-014>016-019

Northern Worcester - Western Middlesex - Western Hampshire - Eastern Hampden - Southern Worcester - Southeast Middlesex - Suffolk - Eastern Norfolk - Eastern Plymouth

08 1100EST

1700EST

0

0

High Wind (G60)^M

MAZ006>007-010-013-
020>024

Western Essex - Eastern Essex - Eastern Hampshire - Western Norfolk - Southern Bristol - Southern Plymouth - Barnstable - Dukes - Nantucket

08 1100EST

1700EST

0

0

Strong Wind

A deep low pressure system over southern Canada, combined with high pressure off the southeast coast, brought high winds to parts of Massachusetts. Southwest winds gusted as high as 69 mph at the Blue Hill Observatory in Milton. Wind gusts estimated between 55 and 65 mph brought down trees and power lines throughout portions of the Bay State. Most of the damage was confined to the higher terrain of central and northern Massachusetts, but damage was also reported in Greater Boston and on portions of the east coast. In Middlesex County, the roof of an elementary school was damaged in Woburn. Gusty southwest winds



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

MASSACHUSETTS, Central and East

also combined with the recent dry weather to help brush fires spread rapidly - many of which were ignited by downed power lines. Over 5,000 customers lost power throughout the state, most notably in Worcester County.

Norfolk County									
Milton	09	0351EST			0	0			Thunderstorm Wind (G61) ^M
Plymouth County									
Hingham	09	0500EST			0	0			Thunderstorm Wind (G50)
Bristol County									
Taunton	09	0535EST			0	0			Thunderstorm Wind (G51) ^M
Nantucket County									
(Ack)Nantucket Mem A	09	0626EST			0	0			Thunderstorm Wind (G52) ^M

Widely scattered severe thunderstorms developed ahead of a warm front early in the morning, and lifted north over southeastern Massachusetts. Most of the thunderstorms were low topped, and were aided by strong low level winds. A gust to 70 mph was recorded at the Blue Hill Observatory in Milton, while a gust to 60 mph was reported at Nantucket Memorial Airport., and a gust to 59 mph was reported by a spotter in Taunton. Thunderstorm winds downed large branches and a tree in Hingham. The storms weakened as they moved farther north.

Bristol County									
Taunton	21 22	2100EST 1300EST			0	0			Heavy Rain
Norfolk County									
Weymouth	21 22	2100EST 1300EST			0	0			Heavy Rain
Plymouth County									
Plymouth	21 22	2100EST 1300EST			0	0			Heavy Rain
MAZ004>005-005-005-005-012			Northern Worcester - Western Middlesex - Southern Worcester						
	22 27	0030EST 0515EST			0	0			Flood
			North Nashua River at Fitchburg						
Essex County									
Saugus to Salem	22	0400EST 1000EST			0	0			Flood
MAZ015>016			Suffolk - Eastern Norfolk						
	22	0400EST 0500EST			0	0			Strong Wind
Middlesex County									
Ashland	22	0400EST 1000EST			0	0			Flood
Suffolk County									
Boston	22	0400EST 1000EST			0	0			Flood
Worcester County									
Leominster	22	0400EST 1000EST			0	0			Flood

Phillips Brook

Low pressure moving across southeast New England brought heavy rain to much of central and eastern Massachusetts. Many areas received 3 to 5 inches of rain, resulting in widespread urban flooding and minor flooding of rivers and streams. In Essex County, as much as 4.85 inches of rain fell in Byfield. Proctor and Goldwaith Brooks flooded Peabody Square, and flooding was also reported in Saugus and Salem. In Boston, 2.53 inches of rain fell at Logan International Airport. Flooding was reported in Kenmore Square. Middlesex County received as much as 4.55 inches of rain, which fell in Ayer. Minor flooding occurred on the Sudbury River in Ashland. Norfolk and Plymouth Counties received just under 4 inches of rain. Widespread urban flooding was reported in Brookline. Holden, in Worcester County, reported 4.40 inches of rain. Phillips Brook in Leominster flooded a portion of Route 12, and a pickup truck was stranded in flood waters. No flood damage was reported



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

MASSACHUSETTS, Central and East

Minor flooding then occurred on mainstem rivers and their tributaries, with crests generally up to one foot above flood stage. Specific crests of rivers which went into flood include the North Nashua River at Fitchburg (6.54 feet at 315 am on the 22nd), the Blackstone River at Northbridge (9.22 feet at 1015 am on the 22nd), the Shawsheen River at Wilmington (7.0 feet at 515 am on the 23rd), the Assabet River at Maynard (5.62 feet at 800 am on the 24th), the Nashua River at East Pepperell (8.91 feet at 545 pm on the 24th), and the Sudbury River at Saxonville (10.89 feet at 815 pm on the 24th). No flood damage was reported.

Strong winds also buffeted parts of eastern Massachusetts. A peak wind gust of 54 mph was reported at the Blue Hill Observatory in Milton. At Logan International Airport in Boston, the peak wind gust of 48 mph at 422 am damaged an air traffic control radar antenna, causing delays for hundreds of Easter weekend travelers. The antenna was replaced a few days later, but flight delays continued well into the week.

NEW HAMPSHIRE, Southern

NHZ011	Cheshire								
	08	1100EST 1700EST			0	0			High Wind (G56) ^M
NHZ012	Hillsborough								
	08	1100EST 1700EST			0	0			Strong Wind

A deep low pressure system moving across southern Canada, combined with high pressure off the southeast coast, brought strong winds to southwest New Hampshire. Southwest winds gusted between 50 and 60 mph, with a gust to 64 mph reported in Alstead. The wind downed tree limbs and power lines over a large area in both counties, and helped to feed brush fires which were aided by recent dry weather. More than 2,600 customers were without power in the region.

Hillsborough County Greenville	21	2100EST			0	0			Heavy Rain
	22	1300EST							

Low pressure moving across southeast New England brought heavy rain to Hillsborough County. Many locations received around 3 inches of rain, with as much as 3.66 inches reported in Greenville. No flooding was observed.

RHODE ISLAND

RIZ001>002-004-006>007	Northwest Providence - Southeast Providence - Eastern Kent - Washington - Newport								
	08	1100EST 1700EST			0	0			Strong Wind

Strong southwest winds buffeted Rhode Island, as a result of a deep low pressure system moving across southern Canada. Wind gusts of 45 to 55 mph were common, with sustained winds of 25 to 35 mph along the south coast. There were no reports of wind damage.

Newport County Tiverton	09	0503EST			0	0			Thunderstorm Wind (G56) ^M
Providence County Cumberland to Woonsocket	09	0630EST			0	0			Thunderstorm Wind (G50)

Isolated severe thunderstorms developed early in the morning ahead of a warm front. The storms were aided by strong low level winds. A spotter in Tiverton reported a gust to 64 mph, while in Woonsocket, a gust to 66 mph downed large branches. A n off-duty National Weather Service meteorologist also reported downed branches in Cumberland.

Kent County West Warwick	22	0400EST 1000EST			0	0			Flood
Providence County Cranston	22 24	1215EST 1515EST			0	0			Flood



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2000

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

RHODE ISLAND

Pawtuxet River

Low pressure moving across southeast New England brought 2 to 3 inches of rain to Rhode Island, most of which fell in a 6 to 12 hour period. This resulted in widespread urban flooding in Cranston and West Warwick, where some roadways were covered by 10 to 12 inches of water. The Pawtuxet River in Cranston experienced a minor flood, with a crest of 9.4 feet at 415 pm on the 23rd, just over its flood stage of 9 feet. No flood damage was reported.